



In the days of the large Tongan double canoes, hangars or canoe huts such as the one pictured here were used for storing, repairing or constructing the magnificent double canoes near the seashore. The particular canoe hut in this engraving, which was done in 1827 during the visit to Tonga of the famous French explorer, Dumont d'Urville, sheltered the war-canoe of the chief Palu in Mu'a, Tongatapu.

Ko e anga eni e fa'ahinga fale 'a ia na'e tauhi ai e ngaahi fu'u kalia taumu'a us. Na'e hoko e ngaahi fale ni ko ha tau'anga kalia, pea-toe fai foki ai mo hono langa mo e monomono 'o e ngaahi vaka ni. Ko ha ta fakatata eni 'o e vaka 'o e 'aiki mei Mu'a ko Palu, 'a ia na'e fai he fa'u 1827 lolotonga e 'a'ahi mai ki Tonga 'a e tangata folautahi Falanise ko ia ko Dumont d'Urville.

39: Gerstle & Raitt C,Q-4,5 (1952-1972)
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501 the strong sails made from woven pandanus leaf
396 mats allowed the double canoes to be propelled at
[349] incredible speeds. For protection from the weather
[348] when not in use, or when being repaired between
trips, the grandiose double canoes of Tonga were
pulled ashore into large canoe huts^A. Shorter,
501 inter-island trips were made in outrigger canoes,
484 *popao*, which are the only one of the original vessels
[178] to have remained up to the present day. However,
with the introduction of modern boats, the *popao*
have been somewhat modified in style and are used
today mainly in the outer islands of Tonga only for
fishing or traveling short distances.

[p. 5-B]

A [See category 343, p. 4--Analyst]

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TOOLS AND HANDICRAFTS

[939

rains hard in the day they are guided by the swell of the sea & wind. 484
 As another proof of the distance or at least of the stay they make at 502
 some places, they always carry a considerable quantity of Cloath, 821
 matts &c and provisions, the last of which they dress on a sort of 252
 hearth made of sand & stones plac'd near the fore part of the stage.
 The number of people, amongst which are always several women, 505
 being at least four times more than is sufficient to Navigate the Boat
 implies some other business, though perhaps it may be for the relief of 461
 each other: for here as in all other cases there seems to be such a 593
 perfect unity amongst them that when they are oblig'd to paddle
 from a calm or any other accident, the whole crew and rowers them-
 selves join in songs and a musical recitative to give an agreement to
 their strokes and ease the irksomness of that unvaried labour.

The only tools they have to make these boats are Hatchets, or 412
 rather thick Adzes, of the smooth black stone mentioned before (but 321
 some want the projecting part behind), an augur made of a sharks 237
 tooth fix'd on a small handle, and a rasp of a rough fishes skin laid
 over & fastend on a flat piece of wood thinner on one side with a 396
 handle. The vast labour they must be at and the time that is spent 348
 with their [boats], being perhaps their most perfect mechanical
 production, are probably the reasons for being so carefull of them,
 for they are built and preserv'd under long shades of two sides which
 reach to the ground & incline towards the top, so that the ends which
 are both open represent a half ellipsis on its base; but when that
 cannot be done they always cover the deck'd part with Cocoa leaves
 after they are haul'd on shore to prevent the sun hurting them.

The same tools are all they have for other works, if we except 412
 different shells which they use as knives, but there are few that 237
 require these unless it is some of their weapons, the other articles
 being chiefly their fishing materials, cordage and a few others. The 283
 Cordage is made from the fibres of the Cocoa nut husk, which though 824
 not more than nine or ten inches long they plait about the size of a
 quill or less to any length they please, & roll it up in balls from which
 the larger rop[e]s are made by many of these being tied together and
 twisted. The lines they fish with are made from the 226
 and are as strong and even as the best cord we make, resembling it 283
 almost in every respect. Their other things for that purpose are large
 and small hooks, made with a pretty straight back and a point fix'd
 on the inside near the end. The last are made entirely of pearl shell, 321
 but the first only covered on the back with it, & the points of both 391
 comamonly of tortoise shell, those of the small being plain the others

¹ Tou, not the *Malochia* but *Pipturus argenteus*, widely used for this purpose in the Pacific.